

Andre Sieverding

List of Publications by Year in descending order

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papers

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1307594

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313
citing authors

#	ARTICLE	IF	CITATIONS
1	The \hat{r} -Process in the Light of an Improved Understanding of Supernova Neutrino Spectra. <i>Astrophysical Journal</i> , 2018, 865, 143.	4.5	49
2	Potential Impact of Fast Flavor Oscillations on Neutrino-driven Winds and Their Nucleosynthesis. <i>Astrophysical Journal</i> , 2020, 900, 144.	4.5	49
3	The \hat{r} -process with Fully Time-dependent Supernova Neutrino Emission Spectra. <i>Astrophysical Journal</i> , 2019, 876, 151.	4.5	31
4	Mass measurements of neutron-deficient Y, Zr, and Nb isotopes and their impact on rp and \hat{r} p nucleosynthesis processes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 781, 358-363.	4.1	28
5	The radioactive nuclei and in the Cosmos and in the solar system. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	3.4	25
6	Nucleosynthesis of an 11.8 M \hat{r} Supernova with 3D Simulation of the Inner Ejecta: Overall Yields and Implications for Short-lived Radionuclides in the Early Solar System. <i>Astrophysical Journal</i> , 2020, 904, 163.	4.5	20
7	Mass measurements of neutron-rich gallium isotopes refine production of nuclei of the first r -process abundance peak in neutron-star merger calculations. <i>Physical Review C</i> , 2020, 101, .	2.9	15
8	Neutrino nucleosynthesis in core-collapse Supernova explosions. <i>EPJ Web of Conferences</i> , 2016, 109, 06004.	0.3	5
9	Role of low-lying resonances for the r -process nucleosynthesis in core-collapse supernovae. <i>Physical Review C</i> , 2022, 106, 014801.	0.3	0
10	Rate of dark photon emission from electron positron annihilation in massive stars. <i>Physical Review D</i> , 2019, 100, .	4.7	4
11	New Fe59 Stellar Decay Rate with Implications for the Fe60 Radioactivity in Massive Stars. <i>Physical Review Letters</i> , 2021, 126, 152701.	7.8	4
12	The \hat{r} process in the innermost supernova ejecta. <i>EPJ Web of Conferences</i> , 2017, 165, 01045.	0.3	3
13	Comparison between Core-collapse Supernova Nucleosynthesis and Meteoric Stardust Grains: Investigating Magnesium, Aluminium, and Chromium. <i>Astrophysical Journal</i> , 2022, 927, 220.	4.5	3
14	Neutrino nucleosynthesis in core-collapse Supernova explosions. <i>Journal of Physics: Conference Series</i> , 2018, 940, 012054.	0.4	2
15	Impact of Dark Photon Emission on Massive Star Evolution and Pre-supernova Neutrino Signal. <i>Astrophysical Journal</i> , 2021, 912, 13.	4.5	2
16	Neutrino-nucleus reactions and their role in supernova nucleosynthesis. <i>Journal of Physics: Conference Series</i> , 2020, 1643, 012024.	0.4	1
17	Exploring the astrophysical conditions for the creation of the first r -process peak. <i>Journal of Physics: Conference Series</i> , 2020, 1667, 012030.	0.4	0
18	Neutrino Induced Nucleosynthesis of Radioactive Nuclei in Core-Collapse Supernovae. , 2017, , .		0